PARADOX

# NV75MR

## Installation Manual V1.0

## Wireless 16 Meter Indoor Dual Mironel Optics, Anti-Mask, Pet Immunity Dual Detector

## General Description

The NV75MR is an indoor industry-leading wireless detector providing superior 16 meter detection with rock solid stability thanks to the revolutionary dual Mironel Mirror/Fresnel PIR optics. Combined with Paradox true Pet Immunity and best-in-the industry active Anti-Mask technology (EN Grade 3). The NV75MR provides an unmatched high security solution for any indoor installation.

**Please Read**

**Installing the NV75MR (Step 1)**

### Installation Height:

**Pet Immune ON** - 2.0m/6.6ft to 2.4m/7.8ft
**Pet Immune OFF** - 2.0m/6.6ft to 2.8m/9ft (lever down)*

***For installations higher than 2.6m, when needed, tilt the detector down a few degrees for best detection results; use of a bracket is recommended.**

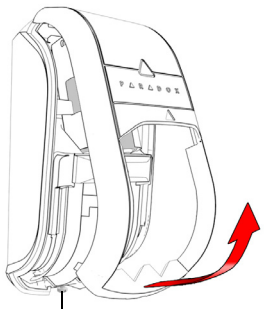
### Power Up (30 sec.):

Powering up the detector takes about 30 seconds, indicated with green/red flashing; indicates PIR stabilizing.

### Anti-Mask Calibration:

Once detector is stabilized, as mentioned above, open and close the tamper to initiate. Anti-Mask calibration may take up to 60 seconds. Keep away from the detector, at least 2 meters / 6 feet during calibration, indicated by flashing green/red LED. Once completed, the detector is ready.

### Step 1



Cover Tamper

### Step 2

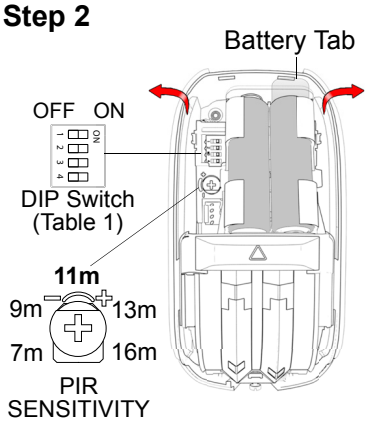
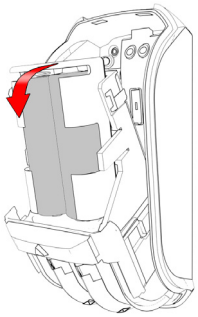


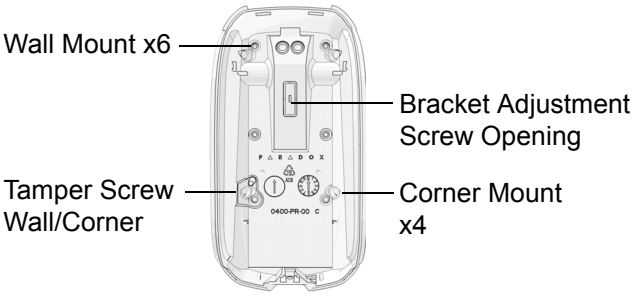

**Table 1**

| | | |
|---|---|---|
| **1 - LED** | OFF | **ON** |
| **2 - EDGE** | DUAL | **SINGLE** |
| **3 - PET IMM.** | OFF | **ON** |
| **4 - MHz** | 868 MHz | **433 MHz** |

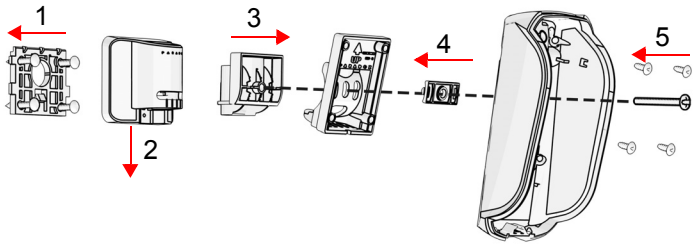
### Step 3



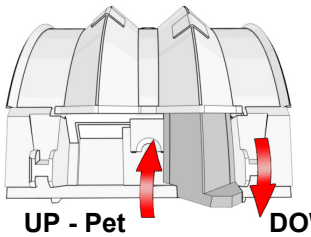
### Wall Mount




### Bracket Mount




### Creep Zone/Pet Selection




*Remove detector assembly as described in Step 1. When selector is UP, Pet Mode; when DOWN, Creep Zone is active and there is no Pet Immunity.* ***Above 2.4m Pet Immune should be OFF (lever down Pet OFF, see installation height note*.***

KEEPING MY FAMILY SAFE

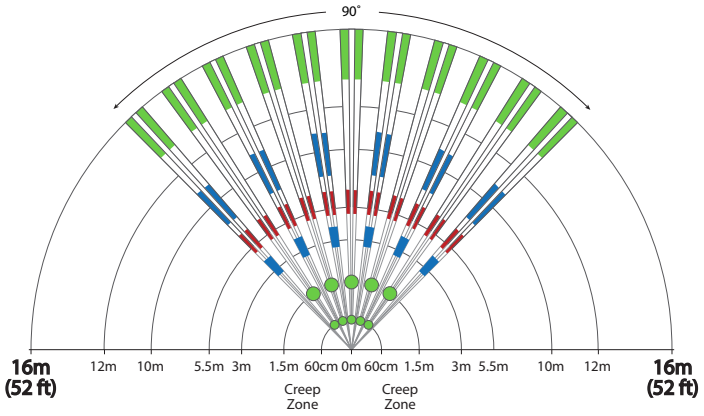
paradox.com

## LED Display

| Feature | LED Status Indicator |
|---|---|
| Tamper open | Green: ON for 0.3 seconds every 30 seconds |
| PIR sensitivity level setting | Green: Flashes 1-5 times according to the selected level |
| Alarm detection | Red: ON for 3 seconds |
| Booting/Tamper close | Green/Red alternating flashes for 45 seconds |
| Anti-mask detection | Flashes orange rapidly (pre-alarm state) and then flashes when in alarm. |

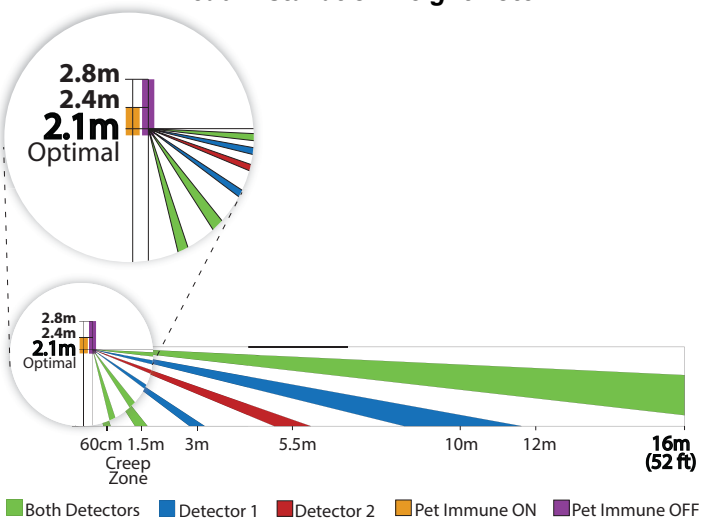
## Beam Patterns

### Top View




### Side View

**** Read installation height note****




## Technical Specifications

| Specification | Description |
|---|---|
| IR Movement Detection | 2 detectors, 2 dual element sensors, 2 Mironel Optics |
| Optics | Two Mironel Mirror/W Fresnel optics with mechanical Pet / Creep Zone |
| Coverage | 16 meters/52 feet; 90° - complies with EN50131-2-2 Grade 3 |
| Anti-Masking | Active IR with Dual detectors, blocking items up to 30cm and lens applied materials including clear lacquer; meets and exceeds EN50131-2-2 Grade 3 |
| Pet Immunity | Pet up to 50cm will not be detected |
| Single/Dual Edge | Infrared detection requires entry or exit in single-mode; in Dual-edge, entry and exit is required for both detectors |
| Creep Zone | Mechanically selectable Creep Zone detection 1.5m/4ft. (cancels Pet Immunity when active) |
| Wireless Power | 2 x AA Alkaline, up to 3 years for normal use with Active Anti-Mask detection |
| Low Battery | 2.2V |
| Frequency | 433 or 868 MHz, internally selectable |
| Operating Temperature | -35º to 50º C (-31º to 122º F) |
| Relative humidity | 95% non-condensing |
| Tamper | Dual - Cover and Wall |
| Dimensions | 128 x 62 x 54 mm/ 5.1 x 2.4 x2.1 in |
| Weight | 120 gr/ 0.3 lb<br>160 gr / 0.4 lb (with batteries) |
| Certifications | CE, EN50131-2-2 Grade 2, Class II |

**Warranty**

For complete warranty information on this product, please refer to the Limited Warranty Statement is found on the website: www.paradox.com/terms or contact your local distributor. Specifications may change without prior notice.

**Patents**

US, Canadian and international patents may apply. Paradox is a trademark or registered trademark of Paradox Security Systems (Bahamas) Ltd.